

JAVA.IO.STRINGREADER CLASS

http://www.tutorialspoint.com/java/io/java_io_stringreader.htm

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Introduction

The **java.util.StringReader** class is a character stream whose source is a string.

Class declaration

Following is the declaration for **java.util.StringReader** class:

```
public class StringReader
    extends Reader
```

Field

Following are the fields for **java.util.StringReader** class:

- **protected Object lock** -- This is the object used to synchronize operations on this stream.

Class constructors

| S.N. | Constructor & Description |
|------|--|
| 1 | StringReader(String s) This creates a new string reader. |

Class methods

| S.N. | Method & Description |
|------|---|
| 1 | <u>void close()</u> This method closes the stream and releases any system resources associated with it. |
| 2 | <u>void mark(int readAheadLimit)</u> This method marks the present position in the stream. |
| 3 | <u>boolean markSupported()</u> This method tells whether this stream supports the mark() operation, which it does. |
| 4 | <u>int read()</u> This method reads a single character. |
| 5 | <u>int read(char[] cbuf, int off, int len)</u> This method reads characters into a portion of an array. |
| 6 | <u>boolean ready()</u> This method tells whether this stream is ready to be read. |
| 7 | <u>void reset()</u> |

| | |
|---|---|
| | This method resets the stream to the most recent mark, or to the beginning of the string if it has never been marked. |
| 8 | <u>long skip(long ns)</u> This method skips the specified number of characters in the stream. |

Methods inherited

This class inherits methods from the following classes:

- java.util.Reader
- java.util.Object